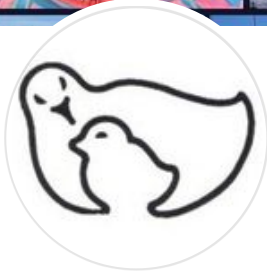




6



Mothers for Peace

@SLOMothersForPeace · 4.6 (19 reviews) · Nonprofit organization

Contact Us

mothersforpeace.org



Mothers for Peace

December 16, 2021 · 🌐



The following was published in the San Luis Obispo Tribune as a VIEWPOINT on December 16, 2021:

There's a misguided effort by some to keep Diablo Canyon nuclear plant operating beyond the closure dates of 2024 and 2025. This date was set by Pacific Gas and Electric Company (PG&E) and approved by the California Public Utilities Commission. Additional years of operation would generate more radioactive waste, exacerbate the climate crisis, and expose residents to additional years of health risks.

Don't believe the myth that nuclear is carbon free. The fuel cycle of mining, milling, enriching, and transporting uranium produces CO2. Construction and decommissioning activities are heavy CO2 emitters.

There is no guarantee of reliable baseload power from a 40-year-old nuclear plant. Unit 2's failed main generator was replaced in 2019 but failed again in 2020 and was online only 30% of the time that year. The complex and costly repairs of aging systems are likely to multiply in





6



Mothers ...

 Contact Us Like Message

could spontaneously ignite - the most unimaginable catastrophe possible. This is a "low probability, high consequence" scenario, and it's not included by the NRC in its spent fuel pool safety analysis because "it won't happen." We hope not.

Seasoned, highly skilled workers are retiring and moving on, resulting in loss of institutional knowledge about the unique idiosyncrasies of Diablo Canyon. The effect is already being felt, according to information provided to Mothers for Peace by an unnamed employee.

If the lifetime of the nuclear plant were extended, a new radioactive waste storage facility would have to be constructed to accommodate the additional wastes. With no federal repository, it's likely to be stored on our fragile, seismic-prone coastline beyond any foreseeable future.

Diablo Canyon circulates 2.5 BILLION gallons of seawater every 24 hours in a system responsible for 80% of the loss of marine life on the California Coast. This system is no longer allowed in California, but the State Lands Commission made an exception for Diablo, allowing it to continue until the expiration of its operating licenses. If Diablo stayed open past 2025, PG&E would have to construct a costly alternative cooling system.

The seawater intake structure is vulnerable to rising levels of ocean water brought on by global climate change. This is the water that cools the plant. During seawater's circulation through the facility, it warms by 19°F before being discharged back into the ocean, contributing to ocean warming. Think about it: 2.5 billion gallons every single day for 40 or more years. The math and the impacts are almost incalculable.

Diablo Canyon is situated at the nexus of at least 13 earthquake faults. Two of these, the Hosgri Fault and the Los Osos Fault, are classified by the U.S. Geological Survey (USGS) as "major" and "active." Keeping Diablo Canyon operating beyond its planned closure is playing Russian roulette.

We can do better. People of the Central Coast have tolerated living in a nuclear evacuation zone for four decades. Nuclear energy is dirty and dangerous. Diablo needs to close on the dates agreed upon by PG&E and the State of California.

Jane Swanson and Linda Seeley, Spokespersons
San Luis Obispo Mothers for Peace



See how the average temperature in your area is changing.





3 Shares

Like

Comment

Share



Write a comment...

Press Enter to post.

Other posts



Mothers for Peace

Yesterday at 10:17 AM · 🌐



When will the US join the world in saying NO to nuclear weapons?
Watch the January 21 rally and march urging US to join treaty banning nuclear weapons

https://www.youtube.com/watch?v=Zghqa_ZjV1M



YOUTUBE.COM

Rally and March Urging U.S. to Join Treaty Banning Nuclear Weapons

Like

Comment

Share



Mothers for Peace

February 1 at 10:48 PM · 🌐



New Mexico doesn't consent to a nuclear storage facility in their state, and there's a Bill to block it!

<https://www.washingtonpost.com/.../184822e6-83a2-11ec...>





WASHINGTONPOST.COM

New Mexico debates bill to block spent nuclear fuel storage



1

1 Share

Like

Comment

Share



Write a comment...



Press Enter to post.



Mothers for Peace



January 31 at 9:10 PM · 🌐

Notice that Holtec has its fingers in this project. <https://www.world-nuclear-news.org/.../Ukrainian-used...>



WORLD-NUCLEAR-NEWS.ORG

Ukrainian used fuel storage in commissioning : Waste & Recycling -...

Ukraine's central storage site for used nuclear fuel is in cold testing and should receive its first shipments in April, according to its operator, th...

Like

Comment

Share

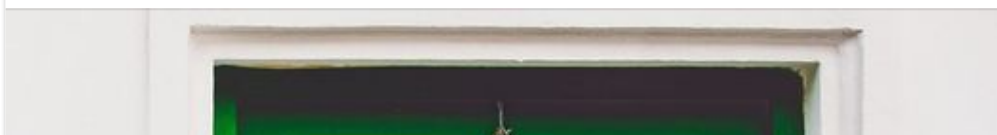


Mothers for Peace



January 31 at 2:58 PM · 🌐

SLO Climate Coalition is hiring. Know anybody who might be interested in these jobs? Help spread the word in order to grow the impact!





SLO Climate Coalition - Create a Carbon Free SLO

January 31 at 2:29 PM · 🌐

SLO Climate Coalition is hiring! There are two positions open:
Interim Executive Director and MCC Community Outreach
Specialist. SPREAD THE WORD!

Details:

[http...](#) See more





6

